

10/587846

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number
WO 2005/044192 A2

(51) International Patent Classification⁷: **A61K**
(21) International Application Number:
PCT/US2004/035805
(22) International Filing Date: 27 October 2004 (27.10.2004)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data:
60/515,537 28 October 2003 (28.10.2003) US

1-1 Murasaki-cho, Takatsuki, Osaka 569-1125 (JP). **OHE**, Yasuhiro [JP/JP]; Japan Tobacco, Inc., Central Pharmaceutical Research Institute, 1-1 Murasaki-cho, Takatsuki, Osaka 569-1125 (JP). **YATA**, Shinji [JP/JP]; Japan Tobacco, Inc., Central Pharmaceutical Research Institute, 1-1 Murasaki-cho, Takatsuki, Osaka 569-1125 (JP).

(74) Agents: **KEZER**, William, B. et al.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicants (for all designated States except US): **AMGEN SF LLC** [US/US]; 1120 Veterans Boulevard, South San Francisco, California 94080 (US). **JAPAN TOBACCO, INC.** [JP/JP]; 2-1, Toranomom 2-chome, Minato-ku, Tokyo 105-8422 (JP).

(72) Inventors; and
(75) Inventors/Applicants (for US only): **CARDOZO**, Mario, G. [AR/US]; 579 Miramar Avenue, San Francisco, California 94112 (US). **POWERS**, Jay, P. [US/US]; 1561 Terra Nova Boulevard, Pacifica, California 94044 (US). **GOTO**, Hiroyuki [JP/JP]; Japan Tobacco, Inc., Central Pharmaceutical Research Institute, 1-1 Murasaki-cho, Takatsuki, Osaka 569-1125 (JP). **HARADA**, Kazuhito [JP/JP]; Japan Tobacco, Inc., Central Pharmaceutical Research Institute, 1-1 Murasaki-cho, Takatsuki, Osaka 569-1125 (JP). **IMA-MURA**, Katsuaki [JP/JP]; Japan Tobacco, Inc., Central Pharmaceutical Research Institute, 1-1 Murasaki-cho, Takatsuki, Osaka 569-1125 (JP). **KAKUTANI**, Makoto [JP/JP]; Japan Tobacco, Inc., Central Pharmaceutical Research Institute, 1-1 Murasaki-cho, Takatsuki, Osaka 569-1125 (JP). **MATSUDA**, Isamu [JP/JP]; Japan Tobacco, Inc., Central Pharmaceutical Research Institute,

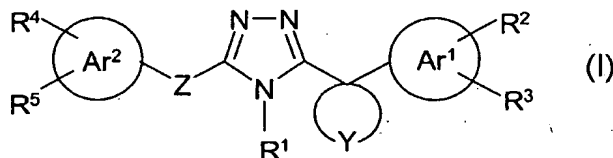
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **TRIAZOLE COMPOUNDS AND USES RELATED THERETO**



(57) Abstract: The present invention provides a triazole compound of the following formula: a prodrug thereof or a pharmaceutically acceptable salt thereof. The above-mentioned triazole compound is useful as a therapeutic drug for the treatment of diabetes, obesity or metabolic syndrome.

WO 2005/044192 A2